

PRODUCT DATA SHEET

SARNACOL® 2170

Sarnacol® 2170 Membrane Adhesive is a solvent-based reactivating adhesive used for Sarnafil® or Sikaplan® Adhered roofing systems. It is also used within any Sika approved roofing or waterproofing system for adhering flashings. Sarnacol 2170 is formulated for adhering membranes in a two-step process to clean, dry, surfaces with no slope restrictions.

PRODUCT INFORMATION

USES

Sarnacol 2170 is uniquely formulated to be compatible with Sarnafil and Sikaplan membranes.

AREAS OF APPLICATION

Bareback Membrane Substrates

- Isocyanurate Organic Facer
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Wall
- DensDeck®
- DensDeck Prime®
- Securock® Gypsum-Fiber

Feltback Membrane Substrates

- Isocyanurate Organic Face
- Isocyanurate Glass Facer
- Smooth Plywood
- Metal
- Concrete Deck
- Concrete Wall
- Masonry Wall
- Cellular Concrete
- DensDeck®
- DensDeck Prime®
- Securock® Gypsum-Fiber

TESTS

CODES/APPROVALS

- ICC Code Compliant – ESR 1157

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT USA.SARNAFIL.SIKA.COM OR BY CALLING SIKA SARNAFIL'S TECHNICAL SERVICE DEPARTMENT AT 800-451-2504. NOTHING CONTAINED IN ANY SIKA MATERIALS RELIEVES THE USER OF THE OBLIGATION TO READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS FOR EACH SIKA PRODUCT AS SET FORTH IN THE CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

PRODUCT DATA

FORM

COMPOSITION

Liquid

COLOR

Dark Yellow

VOC CONTENT

694.2 g/l

PACKAGING

5 gal (18.9 L) pails, 37 lbs (16.8 kg) per pail, 48 pails per pallet

STORAGE

STORAGE CONDITIONS

Store in tightly closed containers in temperatures between -4°F (-20°C) and 86°F (30°C).

SHELF LIFE

12 months if stored properly in original unopened, sealed and undamaged packaging.

SYSTEM INFORMATION

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All work surfaces should be clean, dry, free of dirt, dust, debris, oils and other contaminants.

MIXING

Mix well before use.

APPLICATION METHOD / TOOLS

General Application:

Apply Sarnacol 2170 using solvent-resistant ¾ in (19 mm) nap paint rollers in a smooth, even coating with no gaps, globs, puddles or similar inconsistencies. Clean any wet adhesive from the seams before welding.

Bareback Membrane Application:

Apply Sarnacol 2170 to the substrate at a rate of 80 - 100 sf/gal (2 - 2.5 m²/L) and allow to dry. After the substrate adhesive has dried completely, apply Sarnacol 2170 to the back side of the membrane at a rate of 200 sf/gal (4.9 m²/L) and allow to become tacky (producing strings) when touched with a dry finger. Do not allow the adhesive on the back of the membrane to dry. Roll the tacky coated membrane onto the previously coated dry substrate being careful to avoid wrinkles. Press the bonded sheet firmly in place with a minimum 100 lb (45 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

Feltback Membrane Application:

Apply Sarnacol 2170 to the substrate at a rate of 80 - 100 sf/gal (2 - 2.5 m²/L) and allow to dry. Apply a second coat of adhesive at a rate of 100 sf/gal (2.5 m²/L) to the previously coated dried substrate. Do not allow the second coat of adhesive to dry. Unroll the membrane immediately into the second layer of wet adhesive. Press the bonded sheet firmly in place with a minimum 100 lb (45 kg) steel roller by rolling in two directions. Use a hand roller on vertical flashings.

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COVERAGE

The coverage rate may vary depending on substrate porosity, ambient temperature, and experience. The typical coverage rate for the following applications are:

- Bareback membrane: 57 - 67 sf/gal (5.3 - 6.2 m²/L)
- Feltback membrane: 44 - 50 sf/gal (4.1 - 4.6 m²/L)

APPLICATION NOTES

PRODUCT LIMITATIONS

LIMITATIONS:

Precautions should be taken to prevent odors and/or vapors from entering the building/structure, including but not limited to turning off and sealing air intake vents or other means of ingress for odors and/or vapors into the building/structure during product application and cure.

- Do not apply in wet weather or to a wet surface.
- Do not install when air temperature is within 5° of dew point.
- Open time varies depending on weather and temperature conditions.
- Eliminate uneven surfaces to ensure positive contact between the membrane and the substrate.
- Unused adhesive can be saved for use at a later date by resealing the pail cover.

AVAILABILITY

From Sika Corporation – Roofing Authorized Applicators for use within Sarnafil or Sikaplan systems.

MAINTENANCE

Standard maintenance of Sarnafil or Sikaplan systems should include regular inspection of flashings, drains, and termination sealants at least twice a year and after each storm.

WARRANTY

As a Sika supplied accessory, Sarnacol 2170 is covered under Sika Corporation warranties.

LEGAL NOTES

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at usa.sarnafil.sika.com or by calling 800-451-2504.

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Sika warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor.

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Product Data Sheet
Sarnacol 2170
1-10-18 Version # 4

North America
Adhesive

3/4

BUILDING TRUST



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